

FOREST & ARBORETUM

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Bernheim



Bernheim Forest and Arboretum

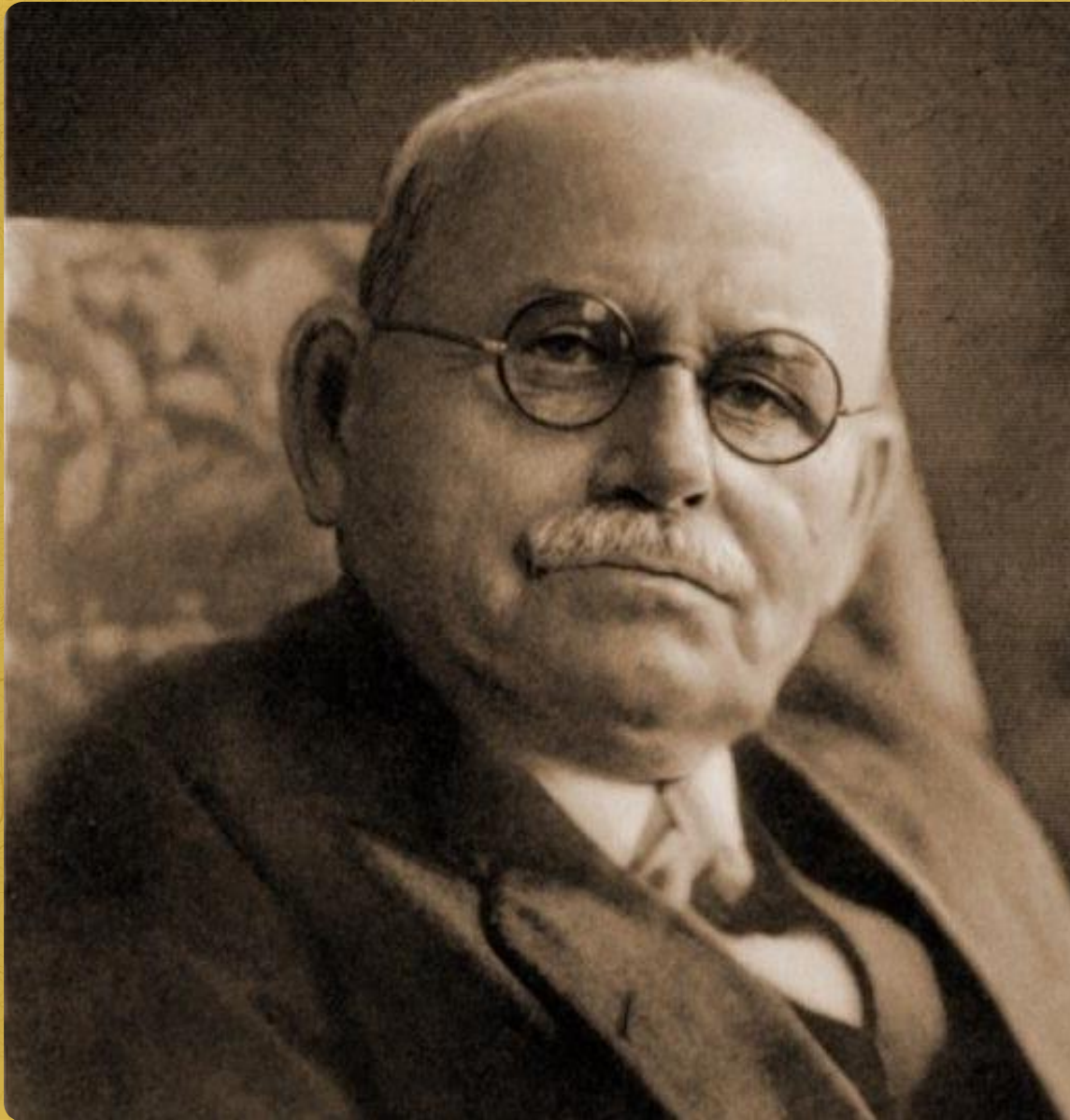


MISSION: *Connecting People with Nature*

VISION: *A world where nature is cherished,
protected, and restored*

FOREST & ARBORETUM

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Established in 1929 by Isaac Wolfe Bernheim

OUR MAJOR FOCUS AREAS:

- Horticulture & Sustainable Landscapes
- Ecological Research and Restoration
- Arts in Nature
- Curiosity and Learning
- Recreation
- Regenerative Design
- Conservation of biodiversity and natural systems

*Celebrating 96 years
and blazing trails
to the Centennial*



B E R N H E I M F O R E S T

Climate Crisis Action Plan



Bernheim
FOREST & ARBORETUM

BERNHEIM GREENHOUSE GAS EMISSIONS BREAKOUT

CO₂e
IN METRIC TONS*

SCOPE 1
Stationary & Mobile Combustion
SCOPE 2
Purchased & Consumed Electricity
SCOPE 3
Staff and Visitor Commuting



Carbon dioxide equivalent or CO₂e means the number of metric tons of CO₂ emissions with the same global warming potential as one metric ton of another greenhouse gas.

* An adult elephant weighs approximately a metric ton.
Calculated for 2021



SUSTAINABILITY ROADMAP

Bernheim's 10 target areas for a sustainable future

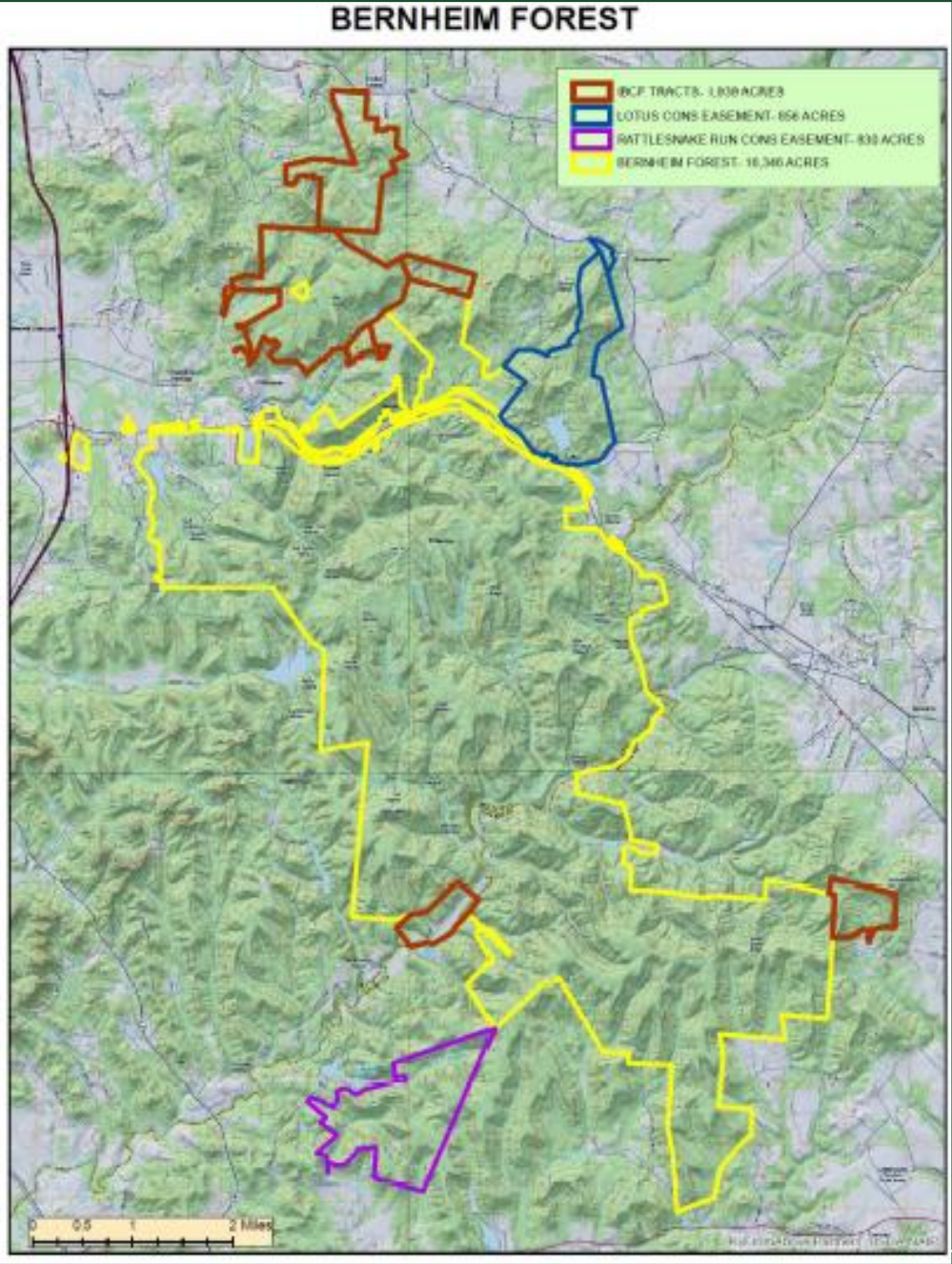


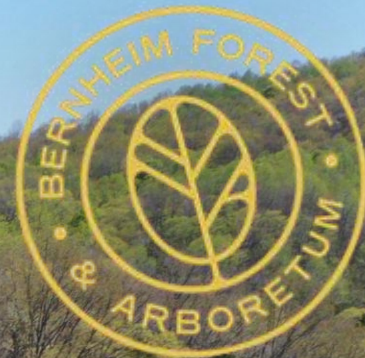
Click on icon to navigate to section

Target 1:

Protect the Land







HABITAT MANAGEMENT



BEAVERS = BESTIES

Bernheim works with beavers to slow runoff
& recharge aquifers

Credit: Carla Rhodes, Artist in Residence

Target 2: Plug into Renewables

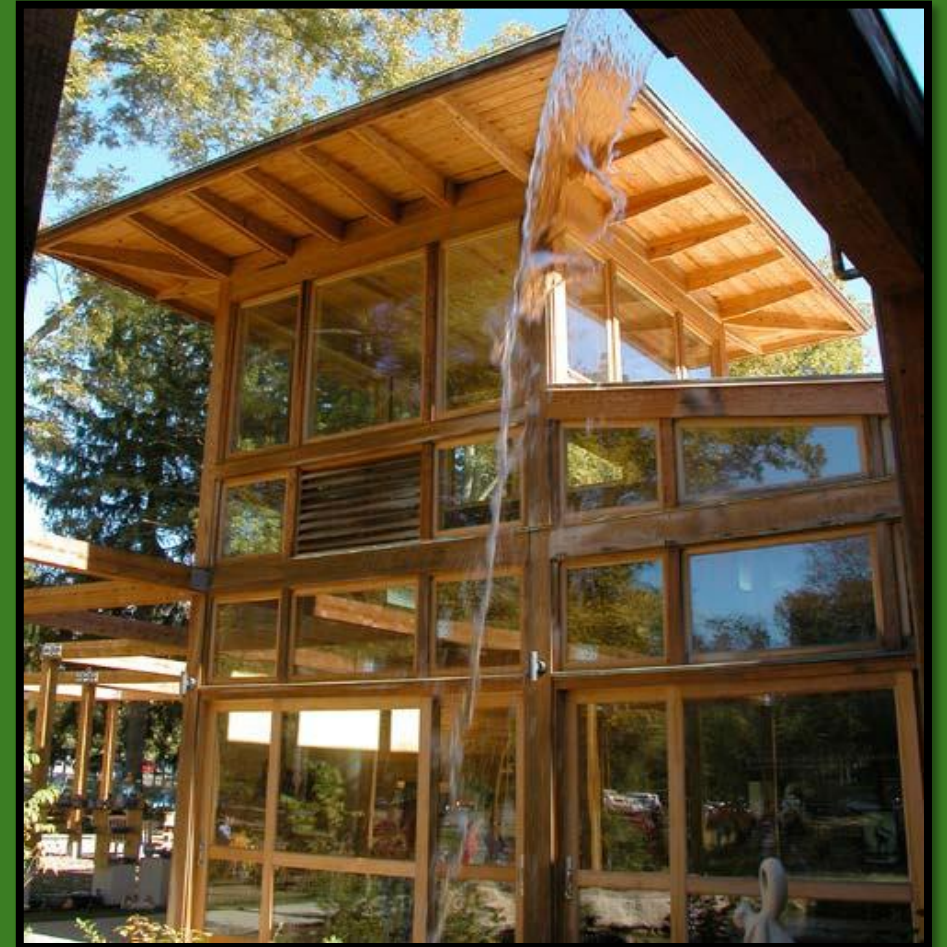
Edible Garden built to Living Building Challenge criteria



Even small-scale renewables tell stories



Target 3: Make buildings that give back



Target 6: Cut the Engines



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Target 8: Tell a compelling climate story



Target 9: Deploy Art to change hearts and minds

ART HAS IMPACT

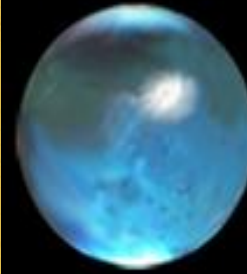
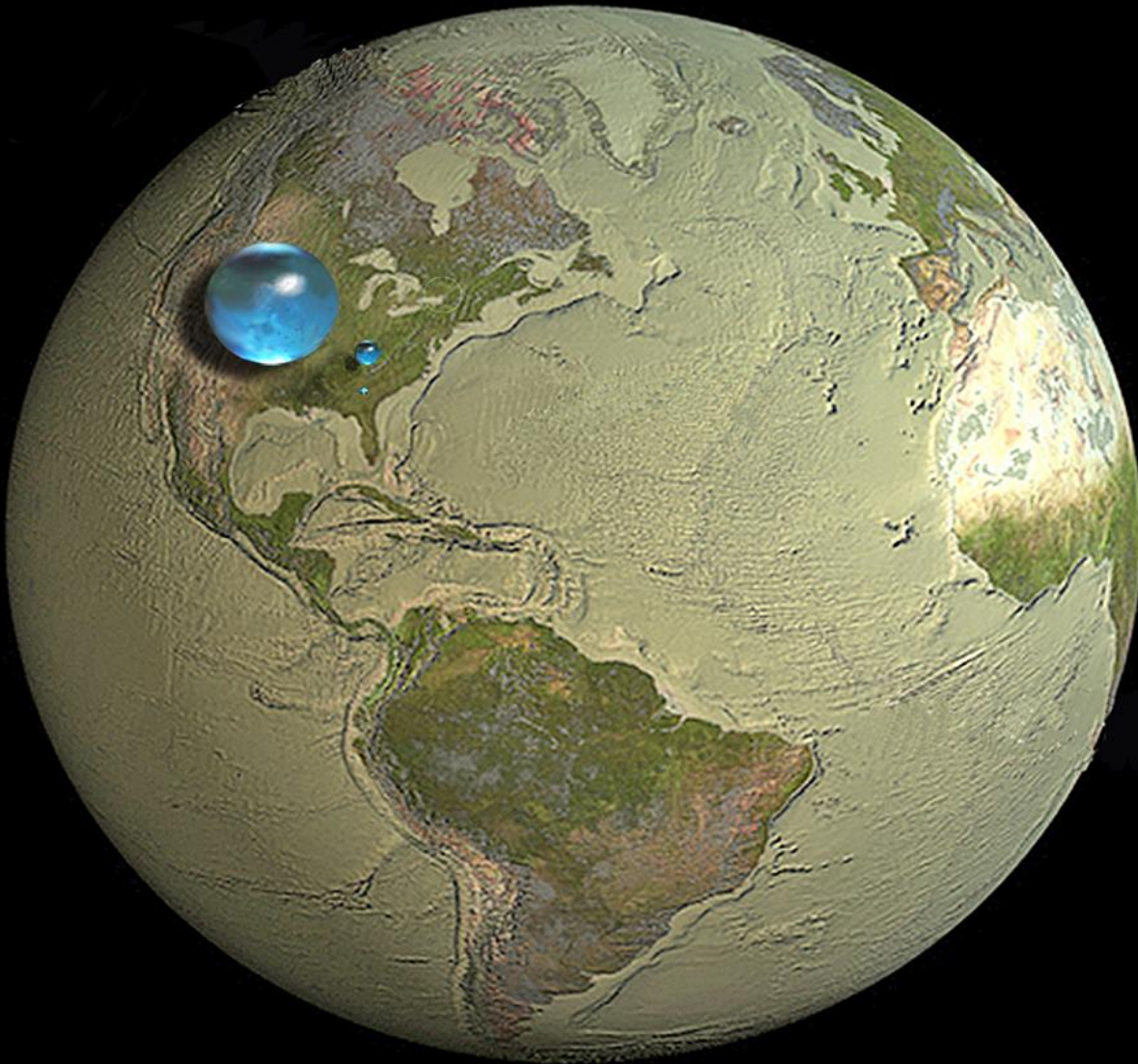




ACRE

Anne Peabody, 2021 Artist in Residence

The World's Water



All water on, in, and above the Earth



Liquid fresh water



Fresh-water lakes and rivers

Howard Perlman, USGS,
Jack Cook, Woods Hole Oceanographic Institution,
Adam Nieman
Data source: Igor Shiklomanov
<http://ga.water.usgs.gov/edu/earthhowmuch.html>



H2Oh!
Studio Mayo Architects



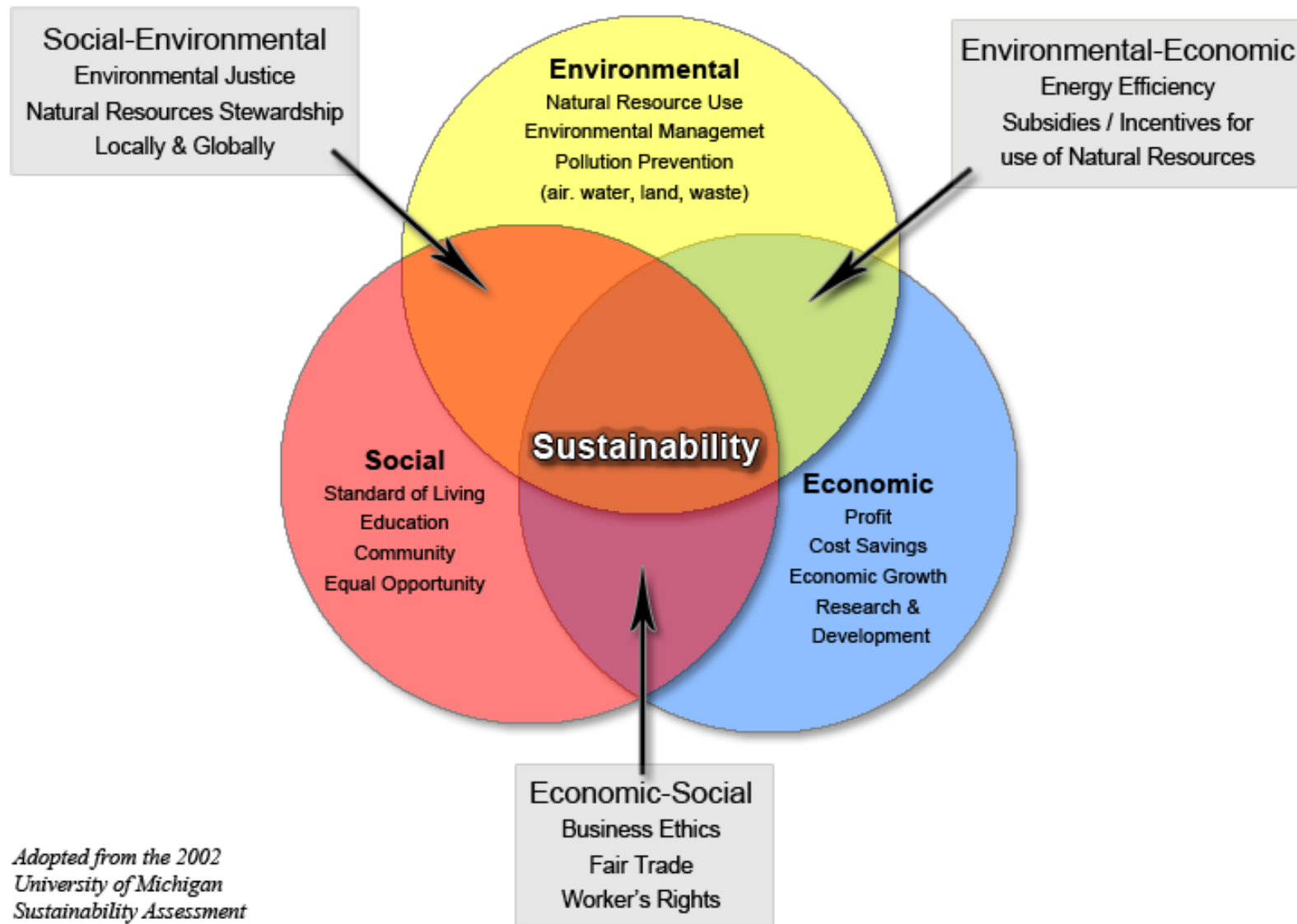


About 2,000 gallons
of water

will produce

1 pair of jeans

The Three Spheres of Sustainability



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Thank You!

Protecting 18,000+ ACRES AND A MILLION THINGS TO DO.

bernheim.org

